

Blasting and Inspection

This course provides training for inspectors to understand the basic principles of blasting and environmental effects. Focus will be on compliance with regulations and blast-site inspections.



Duration: 3 days

TOPICS COVERED

Introduction and Blasting Overview

Blasting

- ▼ Explosives Characteristics
- ▼ Initiation Systems
- ▼ Blast Design
- ▼ Blast Records and Inspection

Adverse Effects

- ▼ Vibrations and Blasting Seismographs
- ▼ Blast Waveform Interpretation
- ▼ Ground Vibration Limits
- ▼ Airblast Limits
- ▼ Flyrock Limits

Performance Standards

- ▼ Warning Signals and Blasting Schedules
- ▼ Preblast Survey
- ▼ Permit Blast Plans
- ▼ Inspector Safety
- ▼ Mine Site Inspection

WHO SHOULD ATTEND: Inspectors, permit staff, entry-level personnel wanting blasting training and experienced personnel wanting refresher training.

COMMENTS: Students need to bring the following to class:

- △ Calculator
- △ Problematic Blast Logs

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